

Figure 1a  
Single Stage Fluid Bed  
Reactor  
for any Silicon Containing  
Gas (Silane or  
Trichlorosilane  
and 3 SCG Inlet Coolers  
(two of three shown)

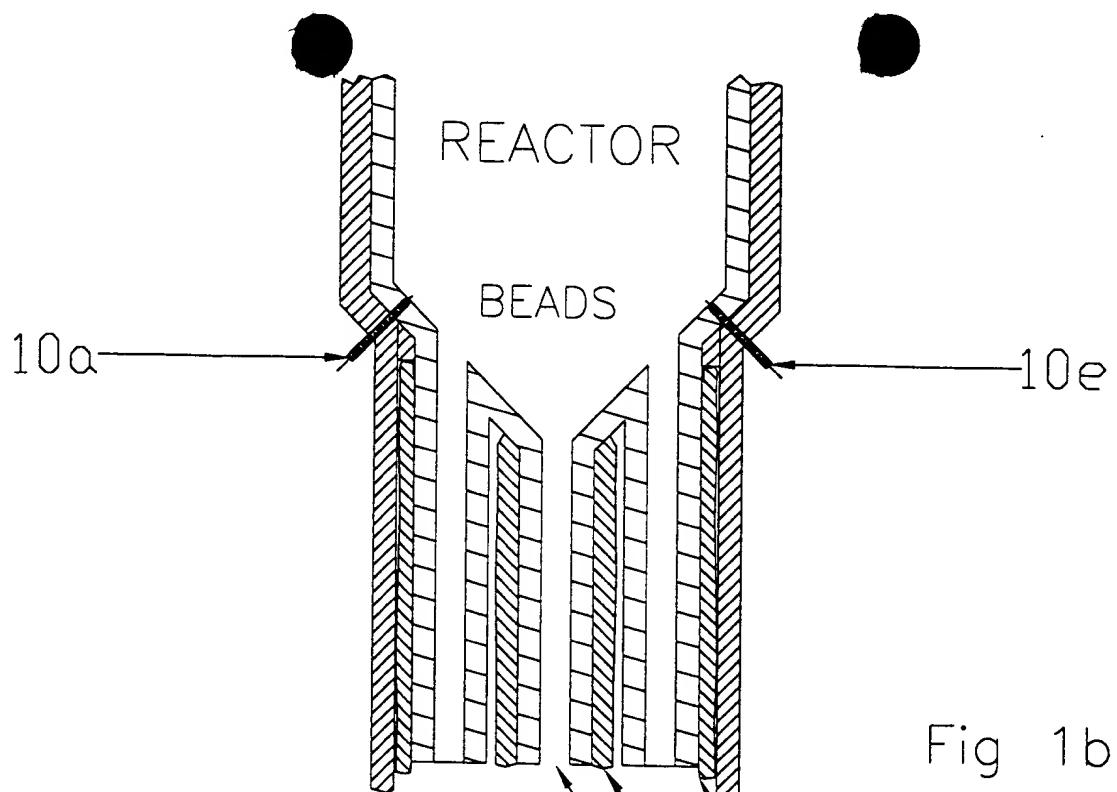
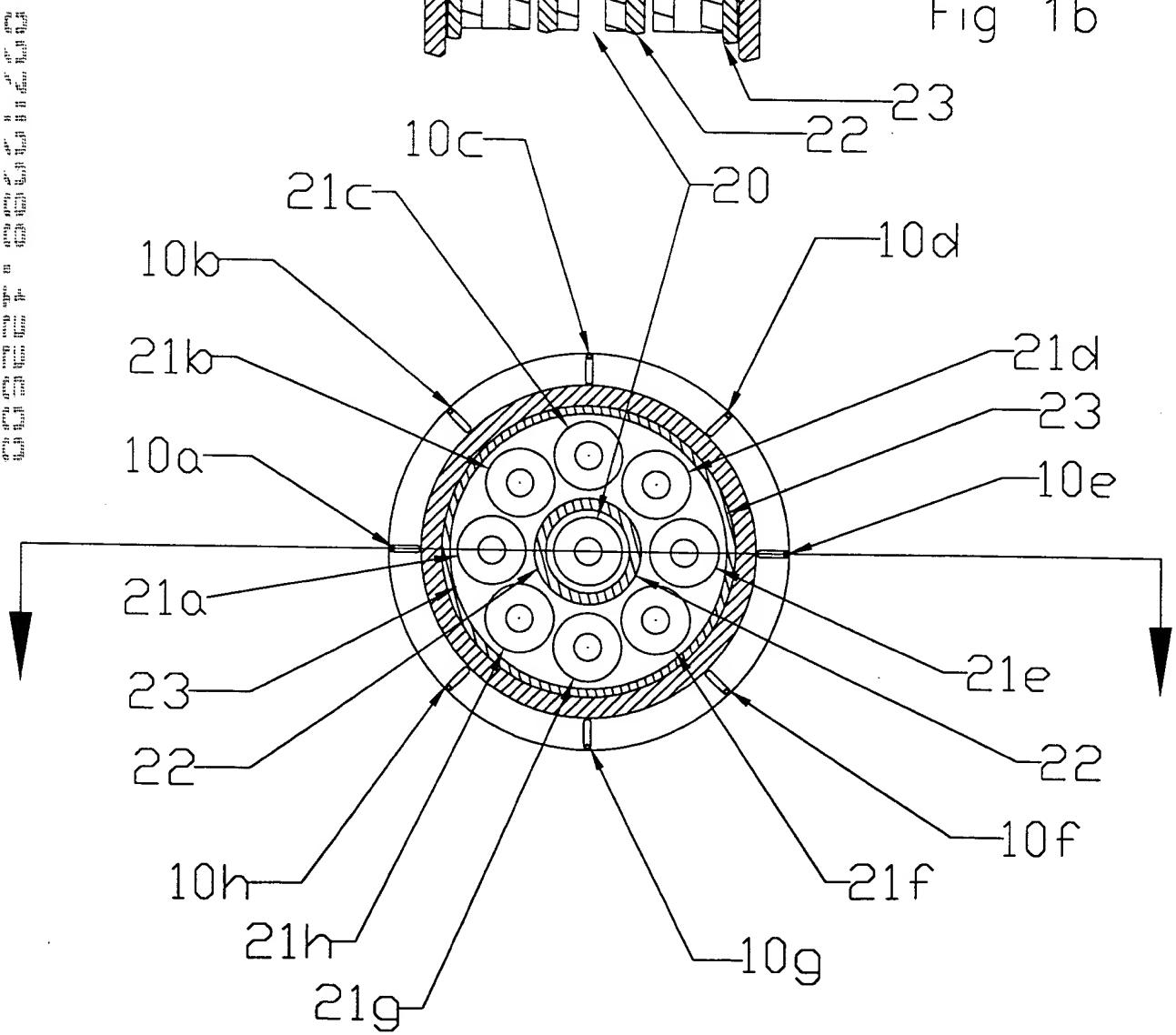
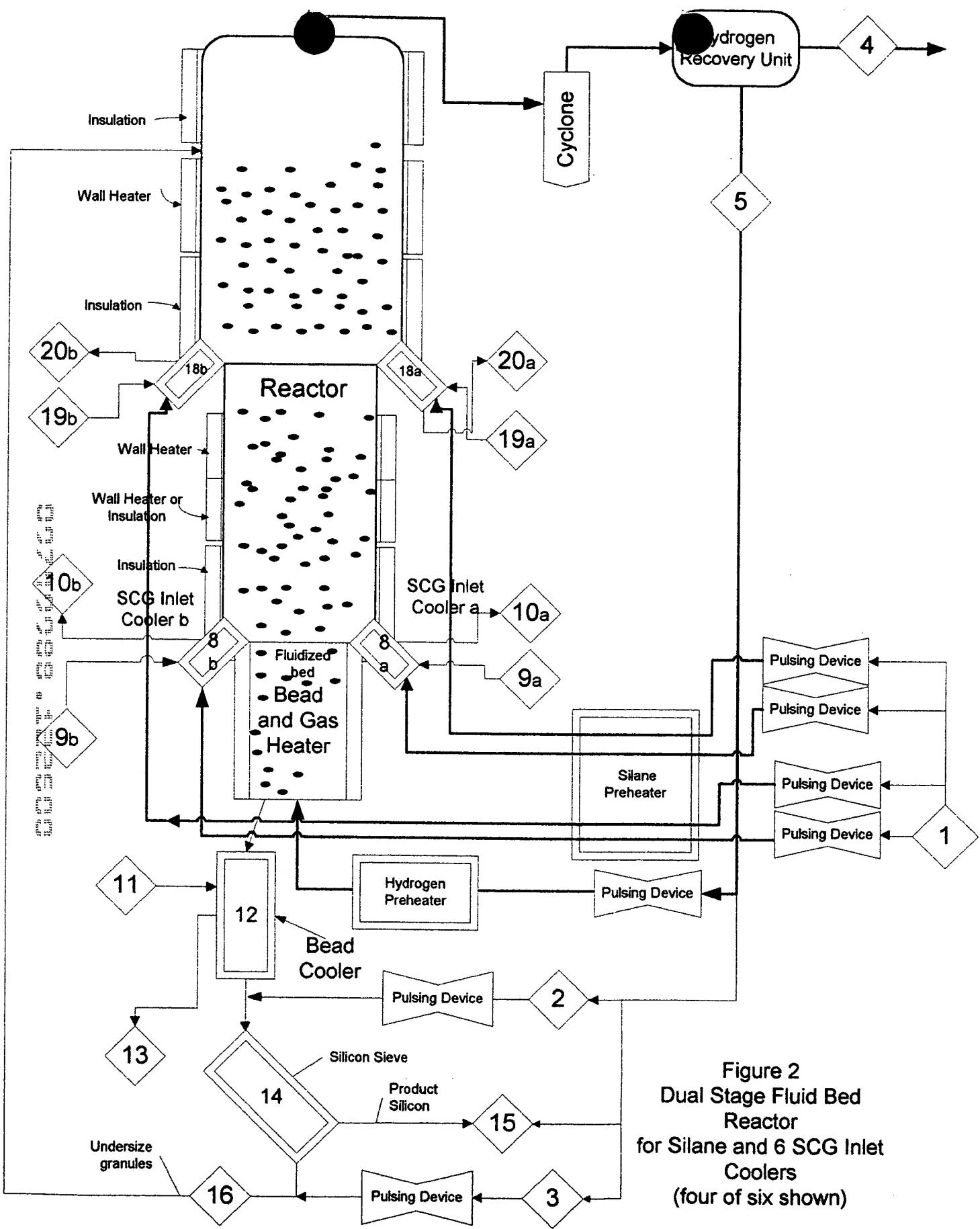


Fig 1b





**Figure 2**  
**Dual Stage Fluid Bed Reactor**  
**for Silane and 6 SCG Inlet Coolers**  
**(four of six shown)**

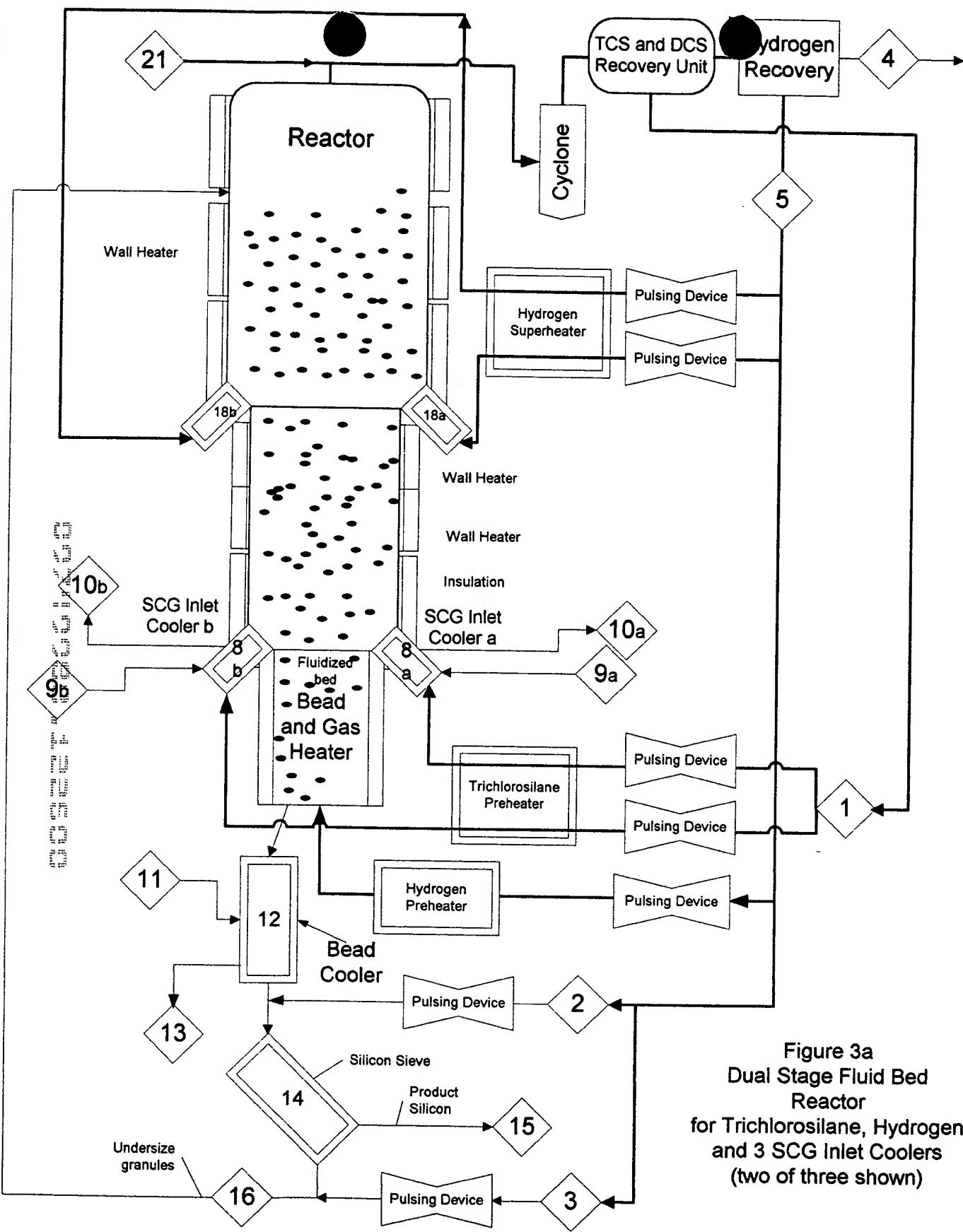


Figure 3a  
Dual Stage Fluid Bed  
Reactor  
for Trichlorosilane, Hydrogen  
and 3 SCG Inlet Coolers  
(two of three shown)

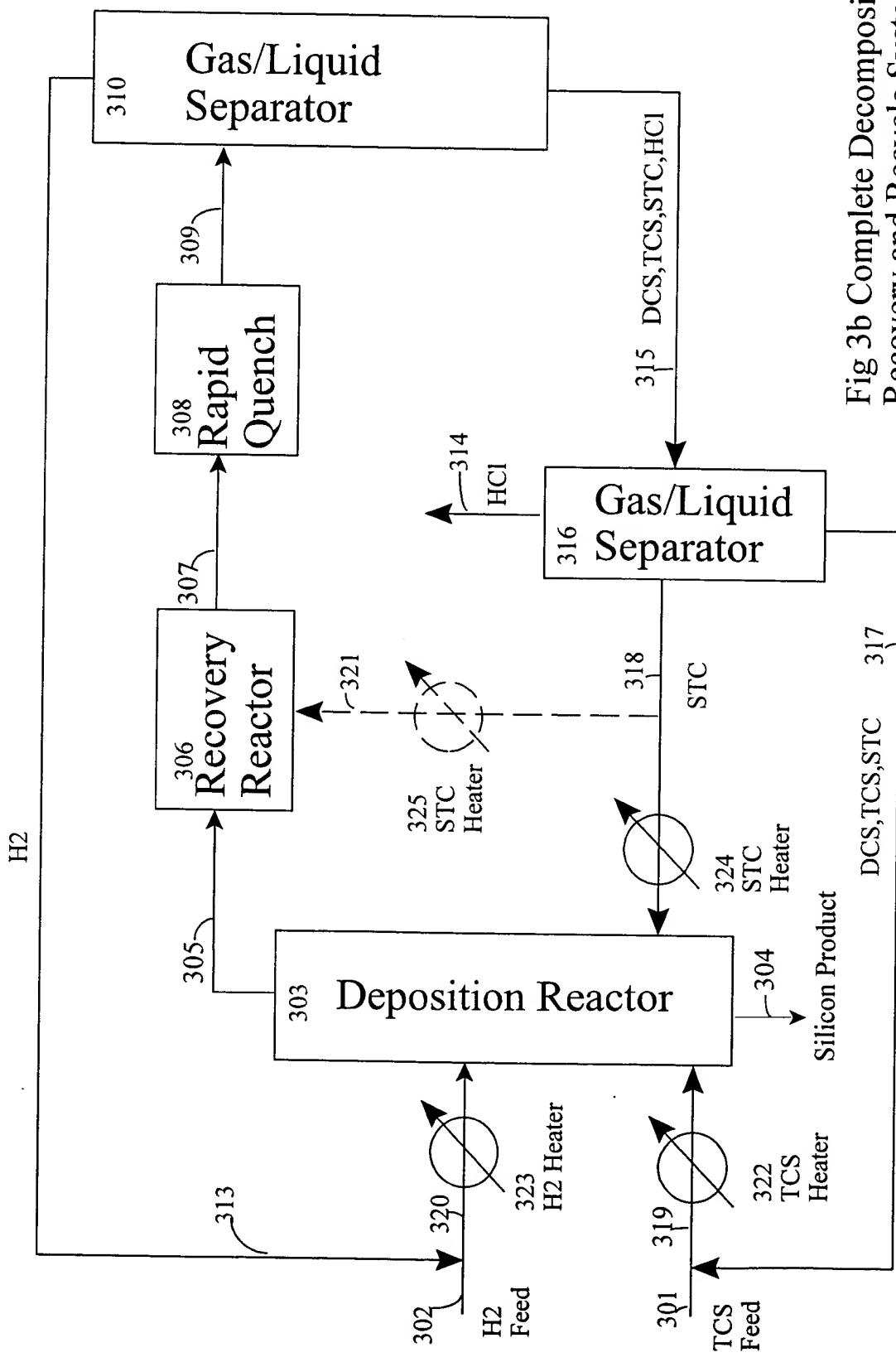


Fig 3b Complete Decomposition,  
Recovery and Recycle System  
Using Two Gas Liquid  
Separators

SCANNED, # 14

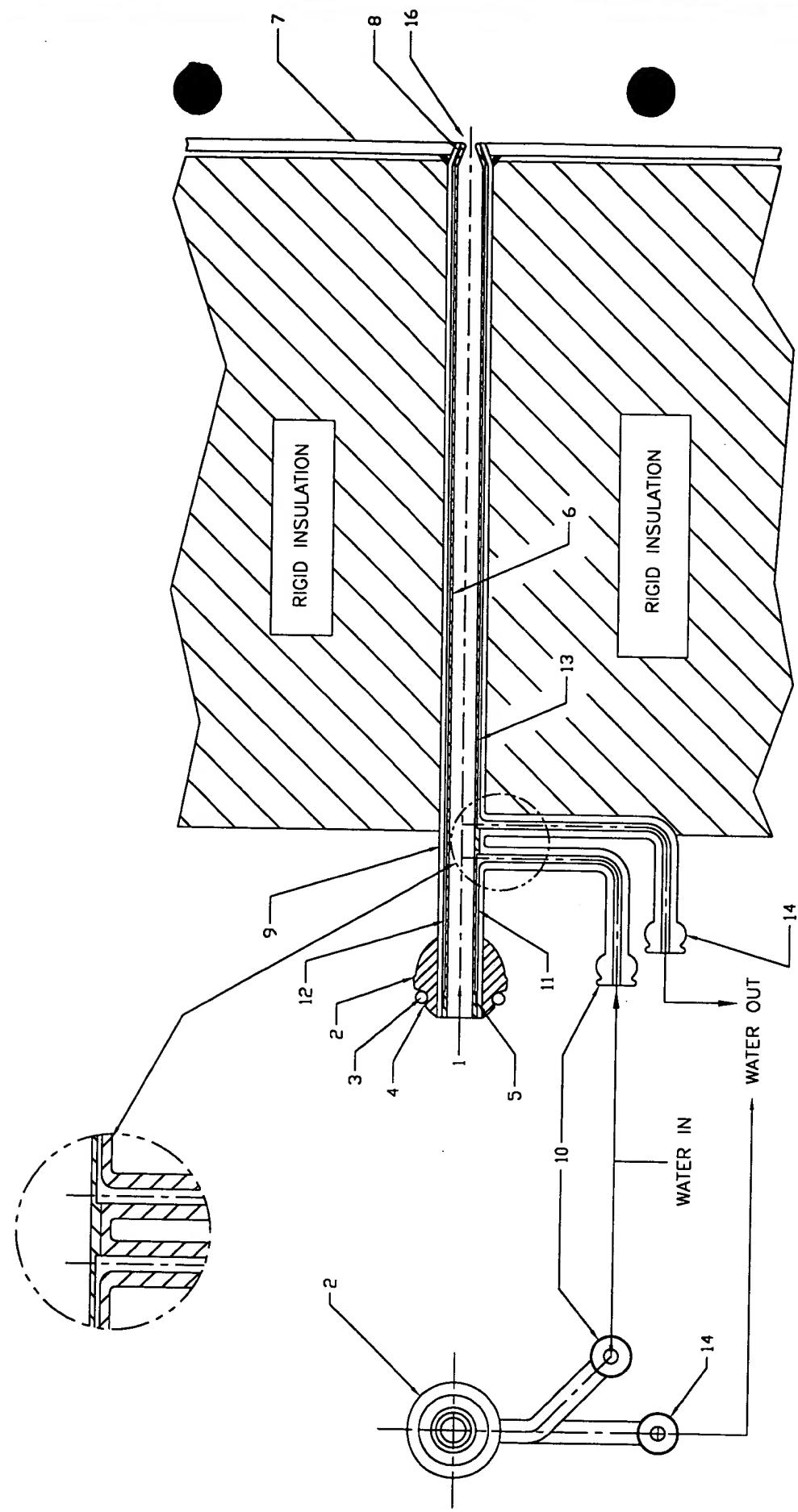


Fig 4a

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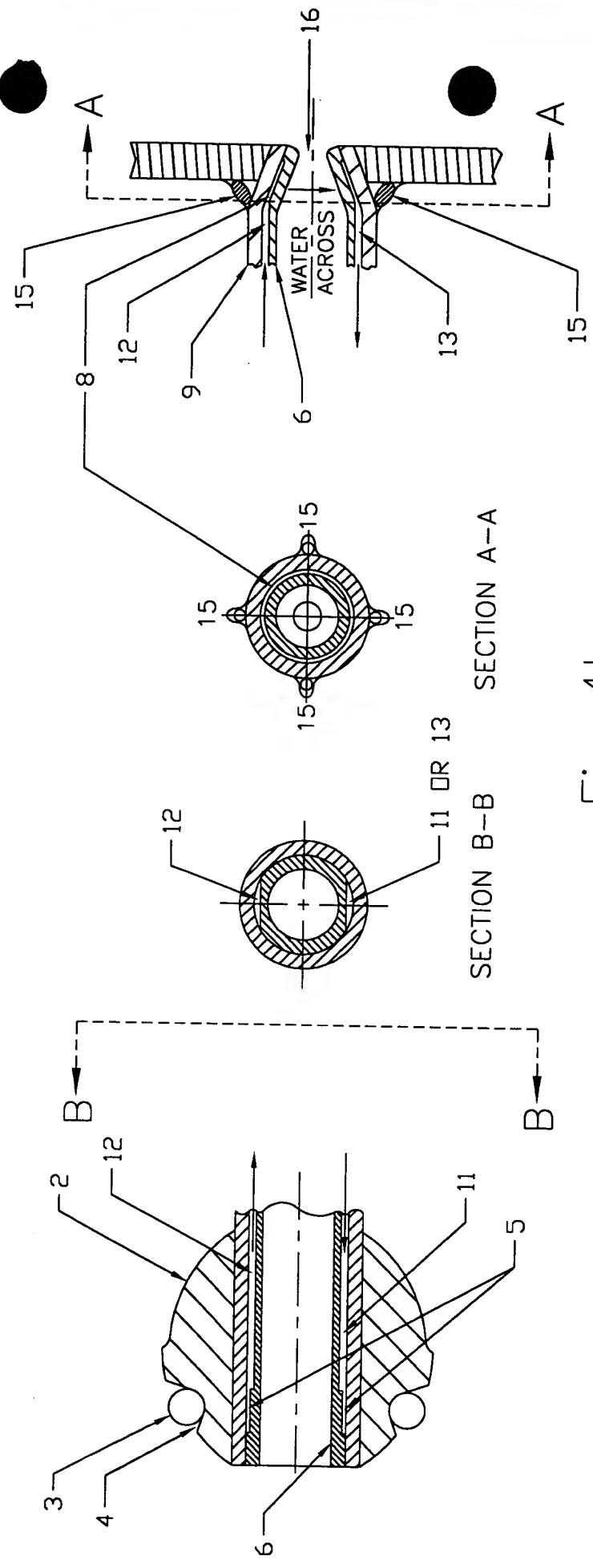
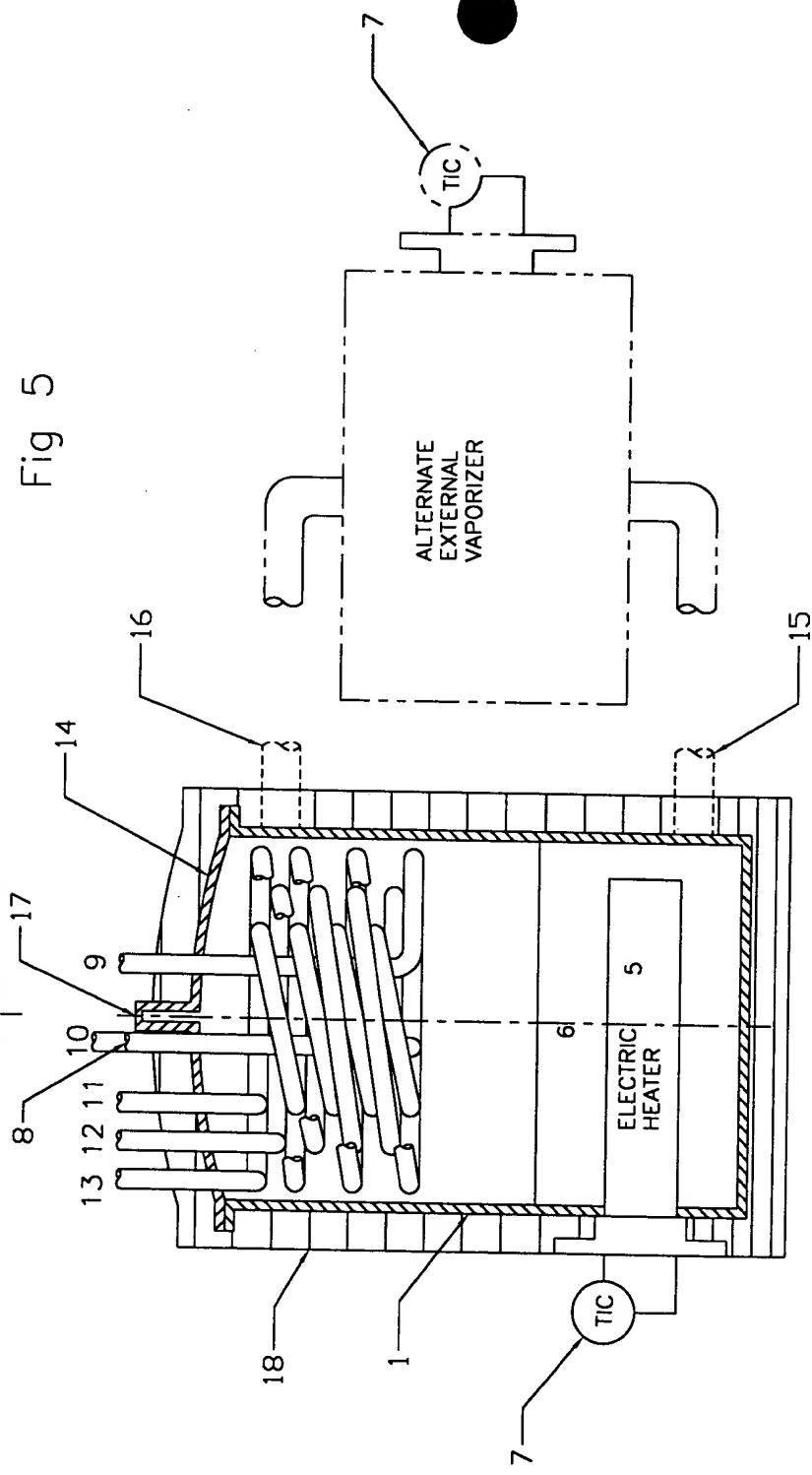
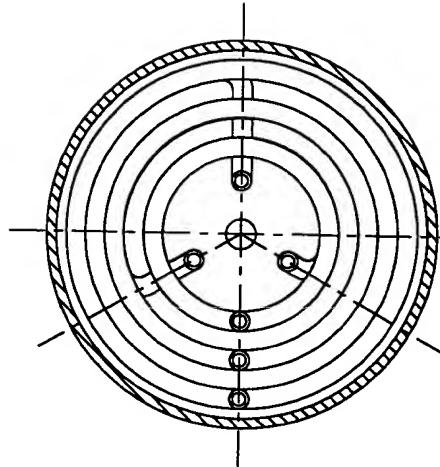


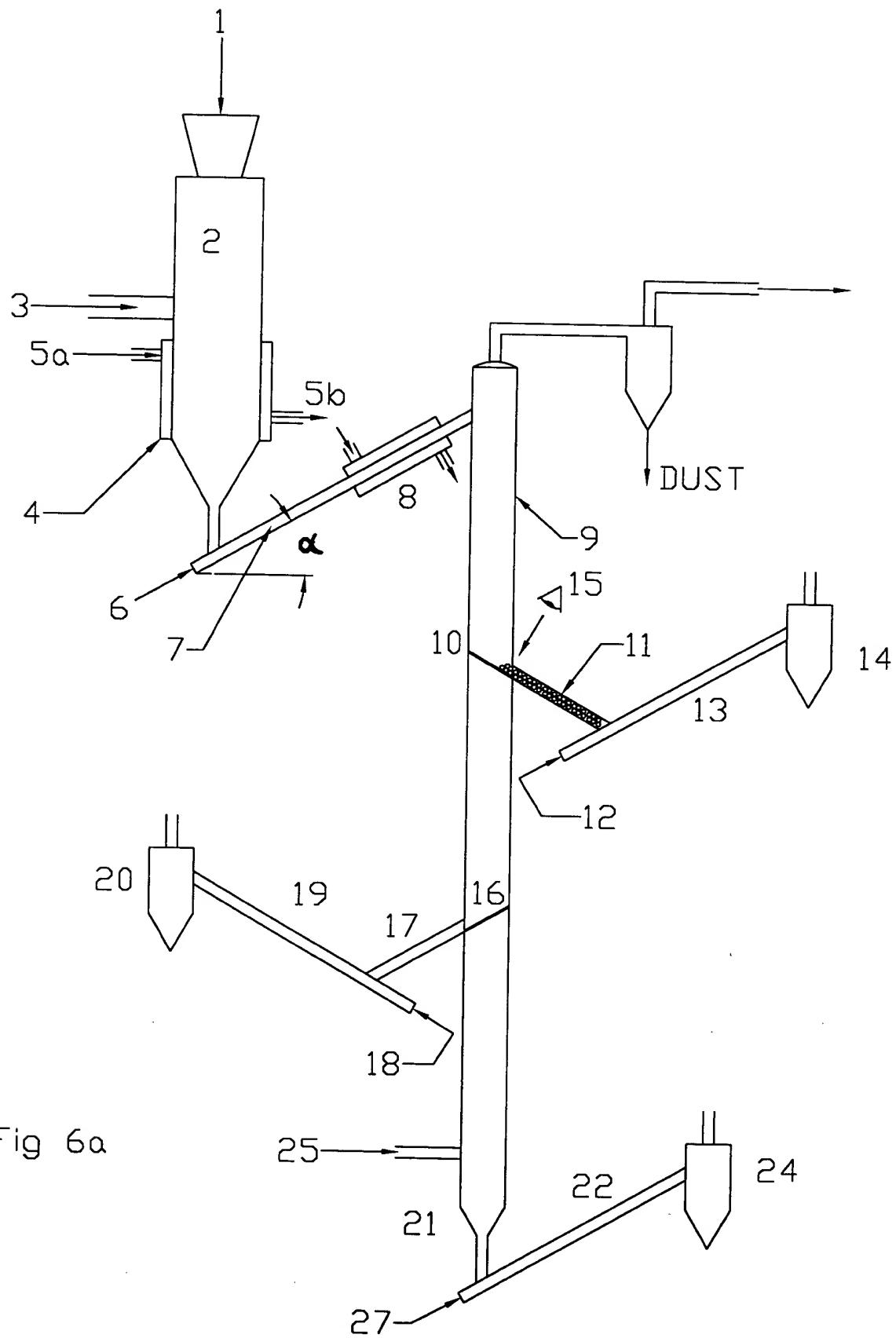
Fig 4b

SCANNED, # 14

Fig 5



REEDS, REED BEDS, AND THE USE OF REEDS IN THE FIELD



SCANNED, # 64

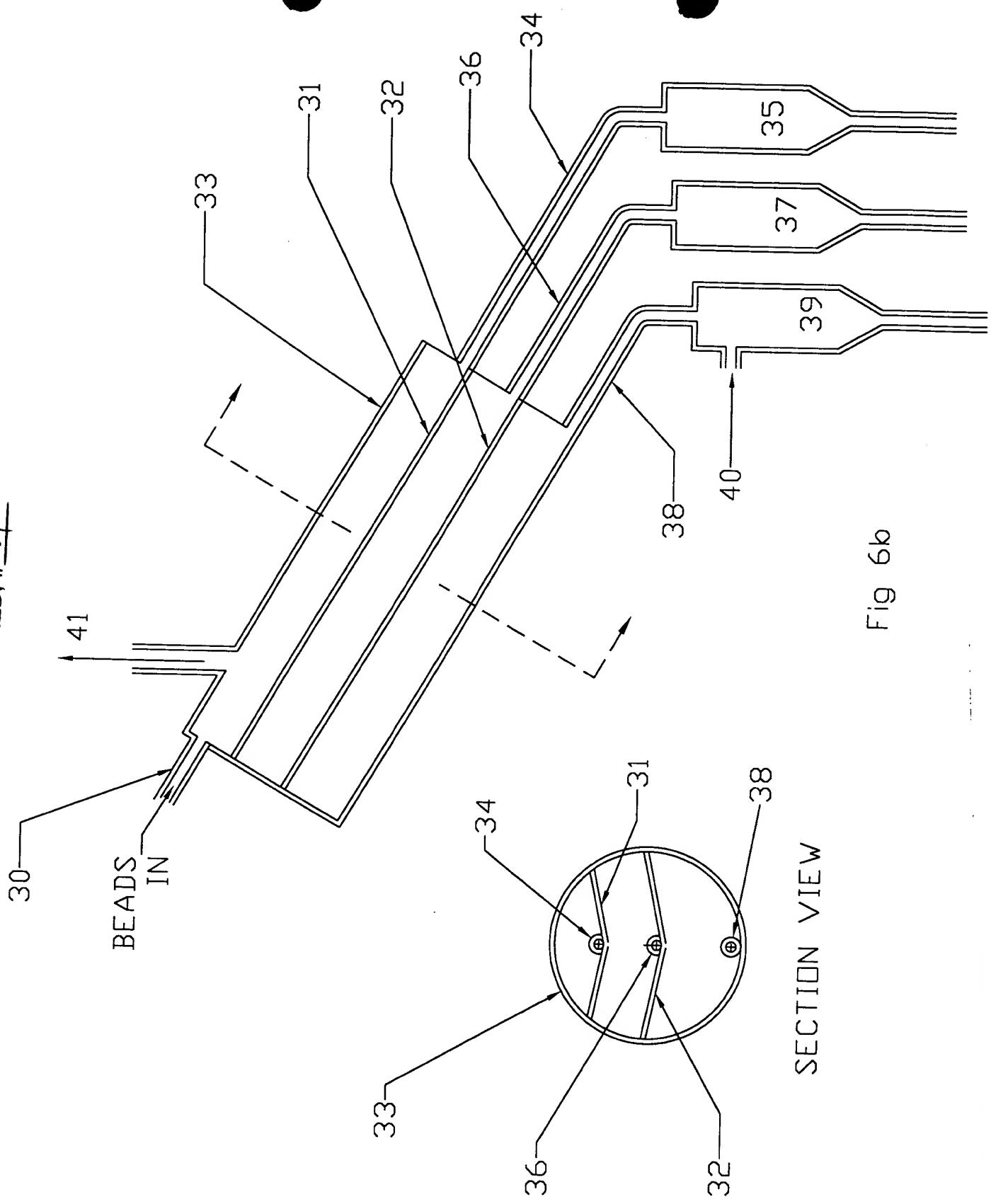


Fig 6b

SECTION VIEW